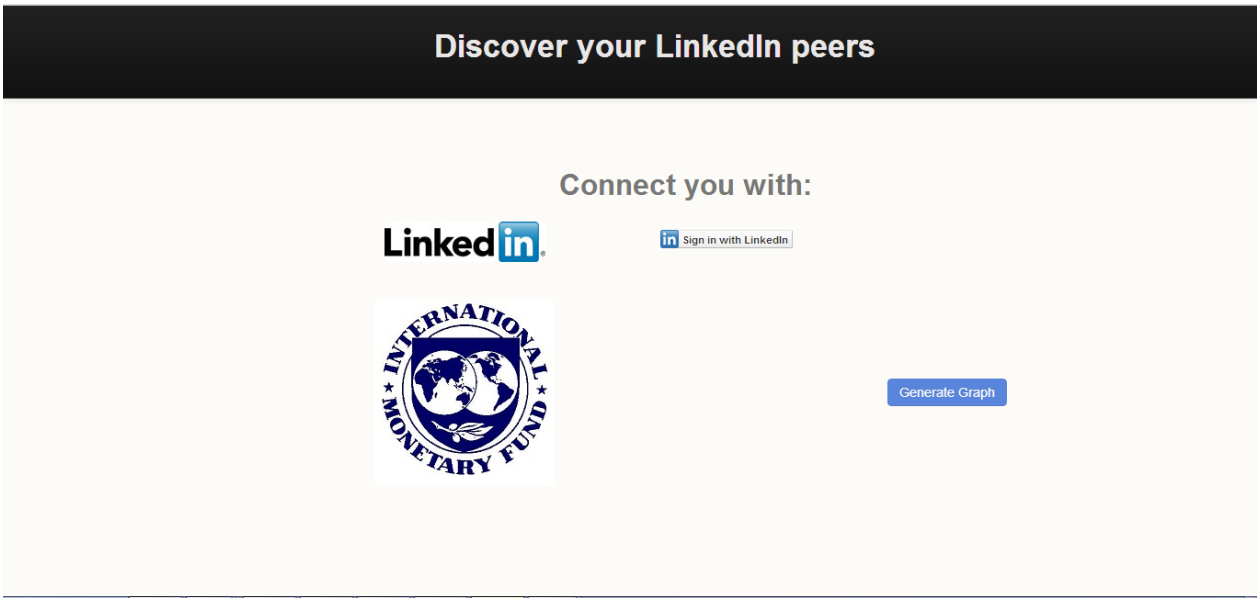
Information Connections Engine (ICE.JS)

Getting Started Guide



About this Tutorial

This document is a tutorial for developers, which explains how to get ICE.js in own machine. This document is not about explaining how ICE itself works internally, but how you can interact with it.

What do I need to get started?

To follow this tutorial, you will need:

- Technical requirements
  - Local Server (download for free)
  - A web site to host your web pages
  - Text e editor (download for free)
  - LinkedIn account to test ICE.js

- Development skills:

  - Good knowledge of JavaScript
  - Good knowledge of HTML
  - Basic understanding of how HTTP work
  - Good understanding of CSS
  - Basic understanding of D3js, JavaScript library (Documentation)

In this tutorial, the steps should not take too much time to realize. However, to understand the code, that can take longer.

STEP 1

Download the package from this address: (put address of GitHub)
The package contains :

- **index.html** is the web page allows signing in with LinkedIn logins.

There is also this script:

```
<script type="text/javascript" src="http://platform.linkedin.com/in.js">
                        api_key: xxxxxxxxxxxxx
                        onLoad: onLinkedInLoad
                        authorize: true

</script>
```

You have to put your LinkedIn key .You can apply for here

- **js/linkedIn.js** is the scripts that display the graph. Contains LinkedIn API calls (see this documentation)
- **css/style** is the css code of the nodes, links, texts, dropdown and buttons of the graph.
- **css/*.css** are bootstrap's css. Do not change them for the proper functioning

All other files contained in the package are necessary for operation of ICE.js

Copy this package in the directory of your server then executes it in the web.

STEP 2

Once you are online, connect you with your LinkedIn login.

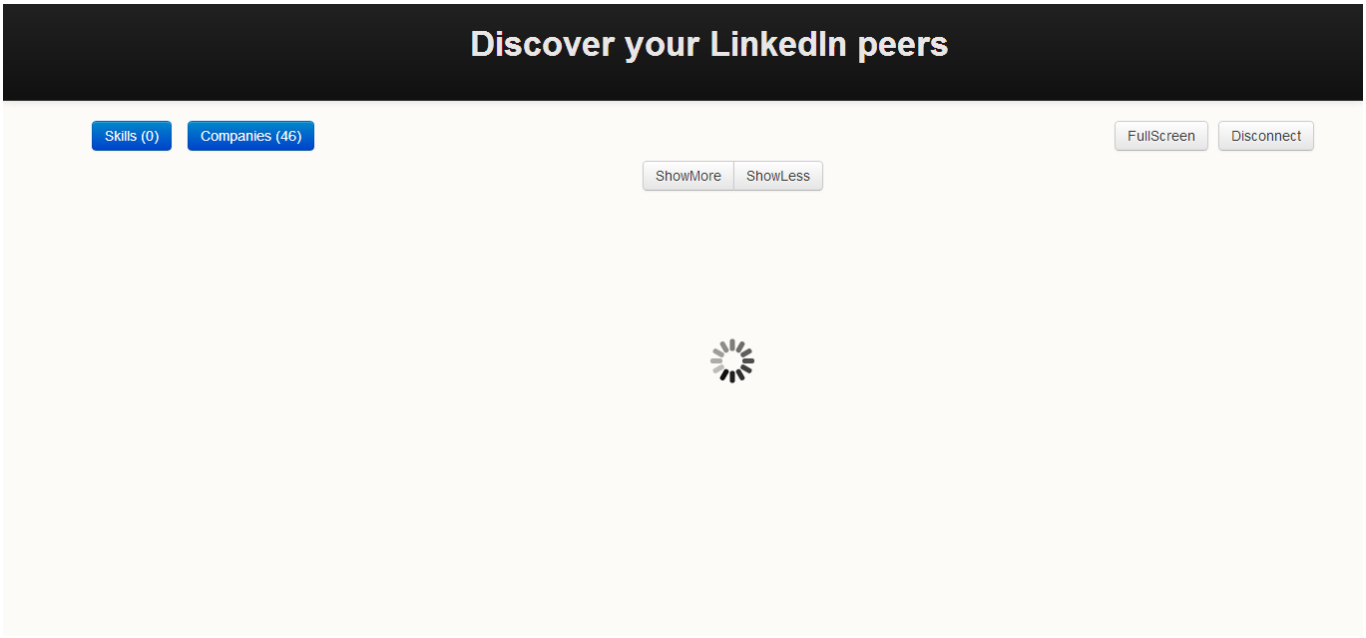
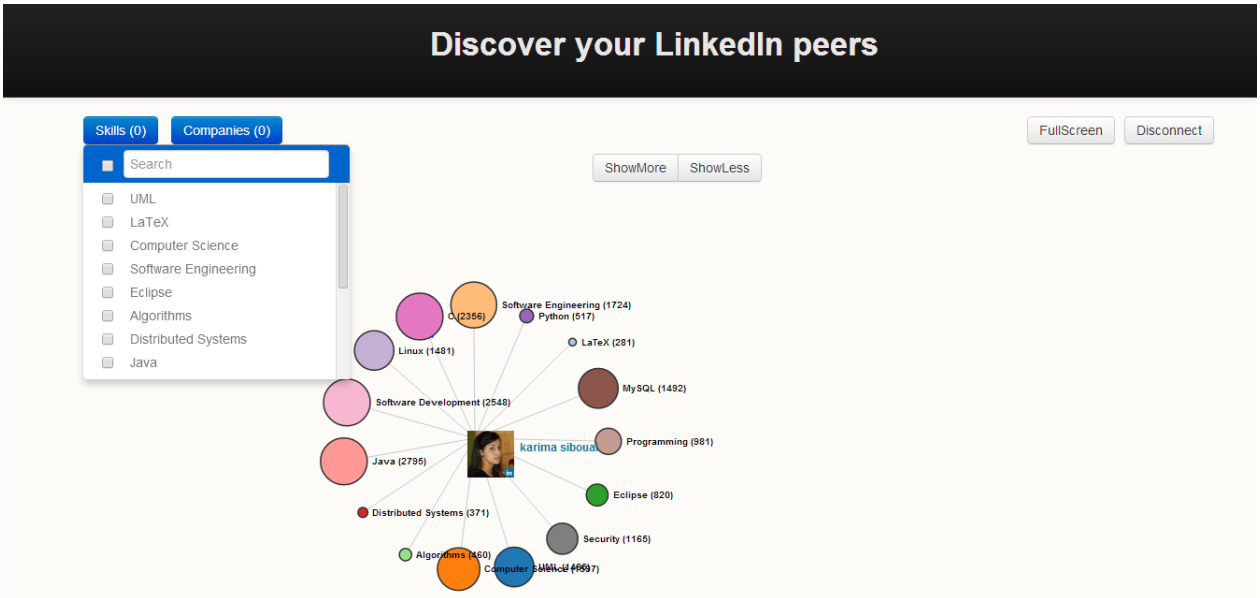


Figure 1: graphic interface after connection

As you see below, there are different operations allowed.

1. **Drop down skills**



The skill checked is expanded in the graph and shows all people having this skill, If it is unchecked, it's collapsed from the graph.

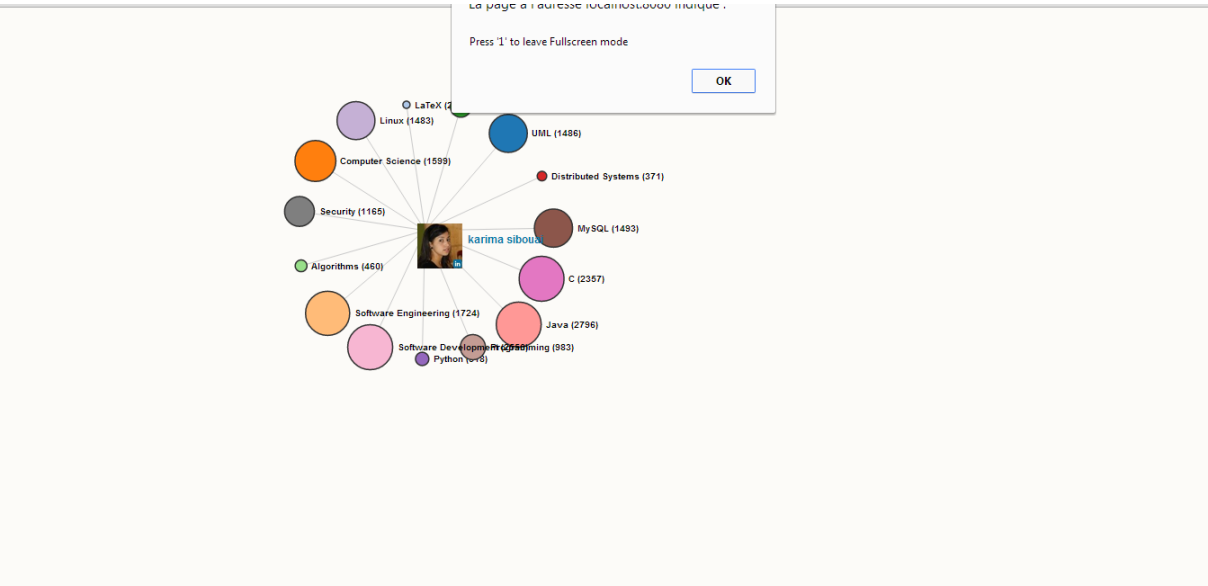
2. **Drop down companies**

3. **Show Less /Show More**

'ShowMore' to expand children nodes of the root and 'ShowLess' to collapse children nodes.

4. **Full screen**

To put the graph in full screen and pressing '1' to return to normal size of screen.



5. **Disconnect**

To disconnect from the application.